Receipt is hereby acknowledged for the following in the

Applicant: GOPALAKRISHNAN et al. App. Serial No.: 10/518,779 filed 12/17/2004 Docket No.: STFD.035US (S02-114US)
SENT VIA US FIRST CLASS MAIL
Date of Deposit: June \_\_\_\_\_\_\_2005

a Response to Notice of Missing Requirements, with authorization to charge/credit

··· ːŸ.

Patent Office as EO:

Deposit Account 50-0996 all required fees/overages; a copy of the Notice of Missing Requirements 5-24-05; and

an executed Combined Declaration & Power of Attorney from the inventors.

Patent/MAIL STOP PCT

JC02 Rec'd PCT/PTC 06 JUN 2005







CRAWFORD MAUNU PLLC 1270 NORTHLAND DRIVE **SUITE 390** MENDOTA HEIGHTS, MN 55120

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BEST AVAILABLE CUP

S02-114US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Gopalakrishnan et al.

Examiner:

Unassigned

06 JUN 2005

Serial No.:

10/518,779

Group Art Unit:

Unassigned

Filed:

December 17, 2004

Docket No.:

STFD.035US

Title:

INSULATED-GATE SEMICONDUCTOR DEVICE AND APPROACH

INVOLVING JUNCTION-INDUCED INTERMEDIATE REGION

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence and the papers, as described hereinabove, are being deposited in the United States Postal Service, as first class mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on June 2006.

By: Lelle S. Waltigney

JC02 Rec'd AST/PT0

## RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS

MAIL STOP PCT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Customer No. **40581** 

Dear Sir:

In response to the Notification of Missing Requirements, mailed May 24, 2005, Applicants hereby attach the following:

- 1) a copy of the Notification of Missing Requirements; and
- 2) a fully-executed Declaration and Power of Attorney by the inventors (4 sheets).

Authorization is given to charge/credit Deposit Account 50-0996 (STFD.035US), if required, to complete this filing.

Respectfully submitted,

CRAWFORD MAUNU PLLC 1270 Northland Drive, Suite 390 St. Paul, MN 55120 (651) 686-6633 x101

Name: Robert J. Crawford

Reg. No.: 32,122





UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address COMMISSIONER FOR PATENTS P.O. Dox 1450 Alexandria, Vinginia 22313-1450

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/518,779	Kailash Gopalakrishnan	STFD.035US
•		CONTACTION A DOMESTIC ATTOMATIC

INTERNATIONAL APPLICATION NO.

PCT/US03/19279

40581 CRAWFORD MAUNU PLLC 1270 NORTHLAND DRIVE, SUITE 390 ST. PAUL, MN 55120 LA. FILING DATE PRIORITY DATE 06/19/2003 06/19/2002

CONFIRMATION NO. 6609
371 FORMALITIES LETTER
\*OC000000016093506\*

Date Mailed: 05/24/2005 2 M 7 /24 )2005

## NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- . Indication of Small Entity Status
- Copy of the International Application filed on 12/17/2004
- Preliminary Amendments filed on 12/17/2004
- Information Disclosure Statements filed on 04/05/2005
- Small Entity Statement filed on 12/17/2004
- Reguest for Immediate Examination filed on 12/17/2004
- U.S. Basic National Fees filed on 12/17/2004
- Priority Documents filed on 12/17/2004

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

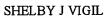
• Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

A copy of this notice **MUST** be returned with the response.



Telephone: (703) 308-9140 EXT 224

## PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/518,779	PCT/US03/19279	STFD.035US

FORM PCT/DO/EO/905 (371 Formalities Notice)